Kiowa SELRD

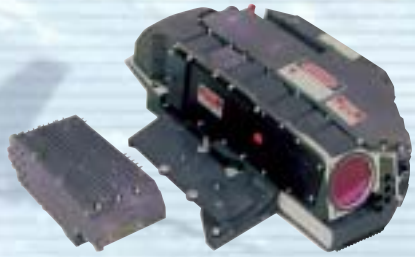
Switchable **E**yesafe **L**aser **R**angefinder / **D**esignator
for the U.S. Army **OH-58D**
KIOWA WARRIOR MMS

Apache SELRD

Switchable **E**yesafe **L**aser **R**angefinder / **D**esignator (1.06µm/1.57µm)
for the **AH-64 Apache TADS** for the U.S. Army
and Other International Users

Litening III SDRL

Switchable Designator / Rangefinder Laser (1.06µm/1.57µm)
for Various **Fixed-wing A/C**
Equipped with Litening III Targeting Pod



Comanche LDRF

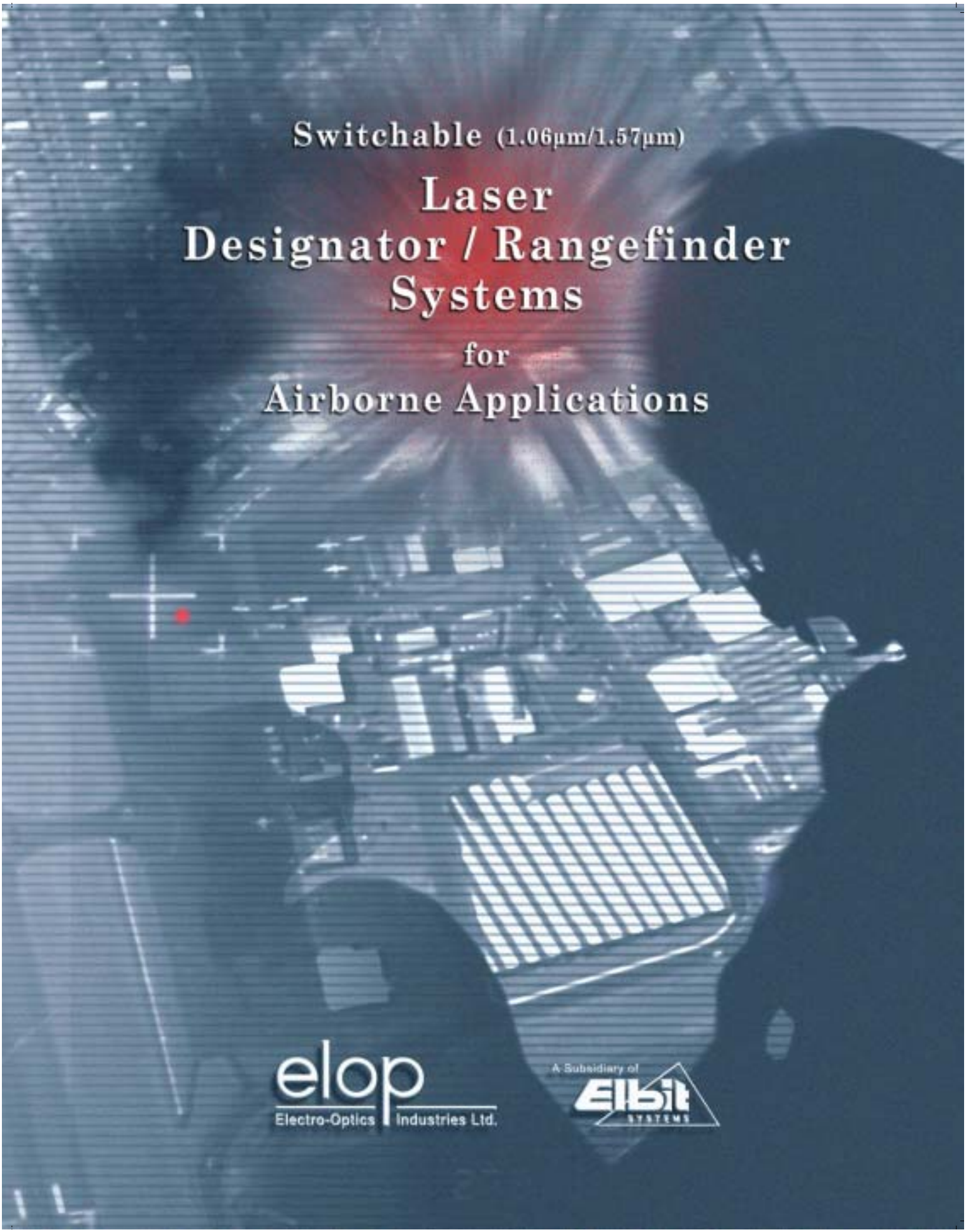
Laser Designator / Rangefinder for the U.S. Army
RAH-66 Comanche EOSS

elop
Electro-Optics Industries Ltd.

A Subsidiary of Elbit SYSTEMS

Advanced Technology Park, Kiryat Weizmann
P.O.B 1165 Rehovot 76111, ISRAEL
Tel: 972-8-9386448, Fax: 972-8-9386045
Internet site: http://www.el-op.co.il

LaserBroch. Sh.Or / E.M. 1000 10/02 C.No. 8666, 8777, 8658, 8641


Switchable (1.06µm/1.57µm)
Laser
Designator / Rangefinder
Systems
for
Airborne Applications
elop
Electro-Optics Industries Ltd.
A Subsidiary of
Elbit
SYSTEMS

Airborne Laser Designators/Rangefinders

Technology

Diode Pumped Nd:YAG & Optical Parametric Oscillator (OPO)

- High Pumping Efficiency
- High Brightness / Improved Beam Quality
- Low Electrical Power Consumption
- Low Heat Dissipation to Payload
- Long Life-time / High MTBF
- Solid State Wavelength Conversion

Diode Arrays

Product

High Degree of Commonality Across Airborne Applications

- Common Dual Wavelength Transmitter
- Common Single Receiver for Both Wavelengths
- Common SRUs
- Low Weight
- Small Volume
- High Reliability
- Low Life Cycle Cost (LCC)

Common Dual Wavelength Transmitter (1.06µm/1.57µm)

Switchable, Dual Wavelength (1.06µm/1.57µm)
Airborne Laser Systems

Operation

- Designed to be Part of the Airborne Targeting System
- “Tactical Mode” of 1.06µm for Target Designation
- “Training Mode” of 1.57µm for Eyesafe Rangefinding and Training in Friendly Areas
- High Repetition Rate
- Continuous Operation

- Low Beam Divergence/High Brightness
- High Energy

Longer Designation Range